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RAW SEQUENCE LISTING

DATE: 04/05/2004

PATENT APPLICATION: US/10/729,039

TIME: 14:32:34

Input Set : N:\Crf3\RULE60\10729039.raw

Output Set: N:\CRF4\04052004\J729039.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Williams, James A.

6 Thalley, Bruce S.

8 (ii) TITLE OF INVENTION: Multivalent Vaccine For Clostridium

9 Botulinum Neurotoxin

11 (iii) NUMBER OF SEQUENCES: 82

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Medlen & Carroll

15 (B) STREET: 220 Montgomery Street, Suite 2200

16 (C) CITY: San Francisco

17 (D) STATE: California

18 (E) COUNTRY: United States of America

19 (F) ZIP: 94104

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Floppy disk

23 (B) COMPUTER: IBM PC compatible

24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

27 (vi) CURRENT APPLICATION DATA:

C--> 28 (A) APPLICATION NUMBER: US/10/729,039

C--> 29 (B) FILING DATE: 05-Dec-2003

W--> 34 (C) CLASSIFICATION: 424

31 (vii) PRIOR APPLICATION DATA:

32 (A) APPLICATION NUMBER: US/08/704,159

33 (B) FILING DATE: 1996/08/28

36 (viii) ATTORNEY/AGENT INFORMATION:

37 (A) NAME: Ingolia, Diane E.

38 (B) REGISTRATION NUMBER: 40,027

39 (C) REFERENCE/DOCKET NUMBER: OPHD-02304

41 (ix) TELECOMMUNICATION INFORMATION:

42 (A) TELEPHONE: (415) 705-8410

43 (B) TELEFAX: (415) 397-8338

46 (2) INFORMATION FOR SEQ ID NO: 1:

48 (i) SEQUENCE CHARACTERISTICS:

49 (A) LENGTH: 24 base pairs

50 (B) TYPE: nucleic acid

51 (C) STRANDEDNESS: single

52 (D) TOPOLOGY: linear

54 (ii) MOLECULE TYPE: DNA (genomic)

58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

60 GGAAATTTAG CTGCAGCATC TGAC

62 (2) INFORMATION FOR SEQ ID NO: 2:

ENTERED

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